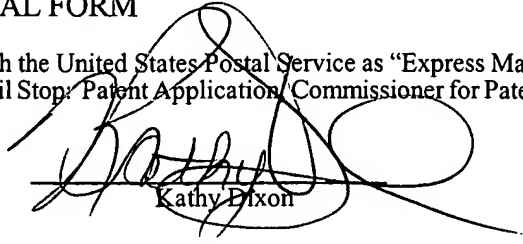


16065 U.S. PTO
09/06/03

TRANSMITTAL FORM

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail" under Label No. EV 282 673 341US in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Sept. 5, 2003
(Date of Deposit)


Kathy Dixon

22264 U.S. PTO
10/656755
09/06/03

Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Doc. #: 64,600-120
Mailing Date: Sept. 5, 2003

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Chen-Kuei Chung Sway Chuang Chung-Chu Chen

For: Thermal Bubble Membrane Microfluidic Actuator

Submitted herewith are:

 X 2 sheet(s) of formal drawings

 X An Assignment of the invention to Industrial Technology Research Institute., together with Assignment Recordal Sheet

 X A Declaration for patent application under CFR 1.63 and 1.68

The filing fee has been calculated as shown below:

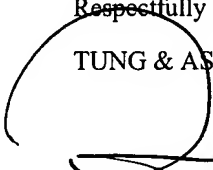
	No. Filed	No. Extra	Small Entity Fee	Large Entity Fee	Total
Basic Fee			\$375.00	\$750.00	\$750.00
Total Claims	14x20	0 x	\$9.00	\$18.00	\$0
Indep. Claims	2-3	0 x	\$42.00	\$84.00	\$0
Multiple Dep. Clms.			\$140.00	\$280.00	\$0
Assign. Rec. Fee			\$40.00	\$40.00	\$40.00
TOTAL					\$790.00

Mailing Date: Sept. 5, 2003
Attorney Docket No.: 64,600-120

- X Attached is a Credit Card Payment Form for the sum of \$ 790.00
- X Charge Visa Credit Card No. 4756 8461 9568 0263 the sum of \$ 790.00
A duplicate copy of this transmittal is attached.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Visa Credit Card No. 4756 8461 9568 0263.
A duplicate copy of this sheet is enclosed.
- X Any additional filing fees required under 37 CFR 1.6
X Any patent application processing fees under 37 CFR 1.17

Respectfully submitted,

TUNG & ASSOCIATES



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RWT/kd
Enclosures